Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) Weight sensor with strain gauges deposited in a thick film on a support (2) of an electrically insulating material intended to be applied to a metal body (2) deformable primarily in flexure, characterized in that said support (2) is of a ceramic material having a Young's modulus E_2 equal to or lower than that E_1 of the deformable metal body (1) and that it is applied by adhering to the latter.

2. (Original) Weight sensor according to claim 1, characterized in that said body (1) presents a rectangular cross section having a thickness less than or equal to 15 mm.

3. (Currently amended) Weight sensor according to ~~one of the claims 1 or 2~~claim 1, characterized in that said body (1) is made of steel.

4. (Currently amended) Weight sensor according to ~~one of the preceding claims~~claim 1, characterized in that said support (2) is selected from the group comprising a zirconia or yttria or cordierite or steatite ceramic.

5. (Currently amended) Weight sensor according to ~~one of claims 1 to 3~~claim 1, characterized in that said support (2) is made of a ceramic cofired at low temperature.

6. (Currently amended) Weight sensor according to ~~one of the preceding claims~~claim 1, characterized in that the thickness of said support (2) is comprised between 0.05 and 0.5 mm.

7. (Currently amended) Weight sensor according to ~~one of the preceding claims~~claim 1, characterized in that it comprises a body of test (1) in the shape of a bar carrying strain gauges (6), one of the ends of said bar being connected to a fastener (3), the other end being connected to a load applying element (4), where the body of test (1) flexes according to an S shaped form as a symmetrical double cantilever.

8. (Original) Weight sensor according to claim 7, characterized in that it is produced in the form of metal plate having a fastener (3) in the shape of a framework (3a) or U, connected in the middle of its base to a first end of a body of test (1) extending at the interior of the fastener (3), the opposite end of the body of test (1) being connected to a load receiving element (4) in the form of a U, extending in a symmetrical manner relative to the body (1), with the arms (4a,4b) parallel to the body (1) and directed towards said first end of the body (1).

9. (Currently amended) Electronic weighing appliance having at least one sensor according to ~~one of the preceding claims~~claim 1.

10. (New) Electronic weighing appliance having at least one sensor according to claim 2.

11. (New) Electronic weighing appliance having at least one sensor according to claim 3.

12. (New) Electronic weighing appliance having at least one sensor according to claim 4.

13. (New) Electronic weighing appliance having at least one sensor according to claim 5.

14. (New) Electronic weighing appliance having at least one sensor according to claim 6.

15. (New) Electronic weighing appliance having at least one sensor according to claim 7.

16. (New) Electronic weighing appliance having at least one sensor according to claim 8.